

# Converting Colors

Hex(C8CB8A)

Have a look what the booklet for  
Hex(C8CB8A) contains.

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# **Color**

**Hex(C8CB8A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8CB8A
RGB	200, 203, 138
RGB Percent	78%, 80%, 54%
CMY	0.2157, 0.2039, 0.4588
CMYK	0.01, 0.00, 0.32, 0.20
HSL	63°, 38%, 67%
HSV	63°, 32%, 80%
XYZ	49.7628, 56.8262, 32.3905
YIQ	194.6930, 19.0770, -20.8510

# Conversions

## Conversions Part 2

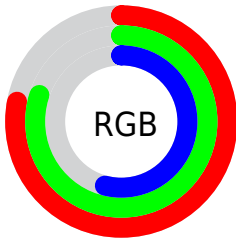
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">138, 203, 141</a>
Decimal	<a href="#">13159306</a>
CIELab	<a href="#">80.08, -11.16, 32.15</a>
CIElCh	<a href="#">80, 34.029, 109.140</a>
Yxy	<a href="#">56.8262, 0.3581, 0.4089</a>
Android (android.graphics.Color)	<a href="#">4291349386 (0xFFC8CB8A)</a>
YUV	<a href="#">194.6930, -27.9496, 4.6542</a>
Hunter-Lab	<a href="#">75.3832, -14.0871, 27.2926</a>

# Details

The Hex color **C8CB8A** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8D8ACB**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFFC0**, and **919557** is the 20% darker color. If you saturate the color by 10%, you get **C7CB76**, and if you desaturate by 10%, it is **C9CB9E**.

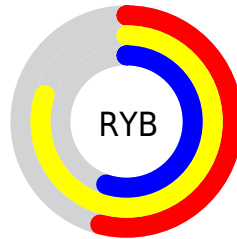
# Distribution



Red (78%)

Green (80%)

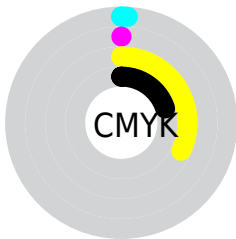
Blue (54%)



Red (54%)

Yellow (80%)

Blue (55%)

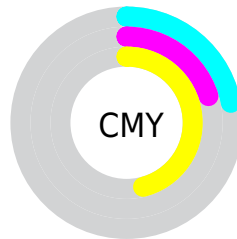


Cyan (1%)

Magenta (0%)

Yellow (32%)

Black (20%)



Cyan (22%)

Magenta (20%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8CB8A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color C8CB8A by changing the saturation by 10% instead.



 C8CB8A

 C8CB8A

FFFFFF

 ACB070

 FFFFC0

 919557

 FFFFDC

 777B3F

 FFFFF9

 5D6228

 454B10

 2E3400

 161F00

 000100

 000000

 C8CB8A

 C8CB8A

 C7CB76

 C9CB9E

 C6CB61

 CACBB3

 C5CB4D

 CBCBC7

 C4CB39

 CCCBDB

 C3CB24

 CDCBF0

 C2CB10

 CECBFF

 C2CB00

 CFCBFF

 D0CBFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E7C189



C8CB8A



A4D39C

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C8CB8A



66D5F6



FEB0D4

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



C8CB8A



8D8ACB

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E4B7F0



C8CB8A



8CCDFE

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C8CB8A



63D8DA



BBC3FF



FFB0B3

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C8CB8A



8BD6AF



BBC3FF



F7B2DE



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



C8CB8A



FEFFE6



CB8C8A



7F8070



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



C8CB8A



FBFF9E



A8CB8A



66665C



9EA600



242600



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8D8ACB



A39EFF



AD8ACB



5C5C66



0800A6



020026



# Previews

## White Background



This preview shows how the Hex color C8CB8A looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color C8CB8A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

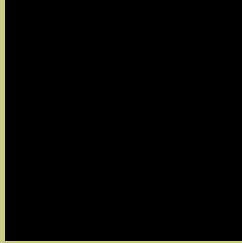
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

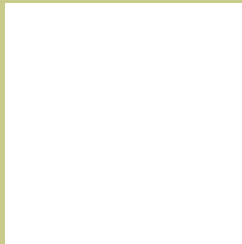
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C8CB8A Background



This preview shows how black text looks on a background with the Hex color C8CB8A.

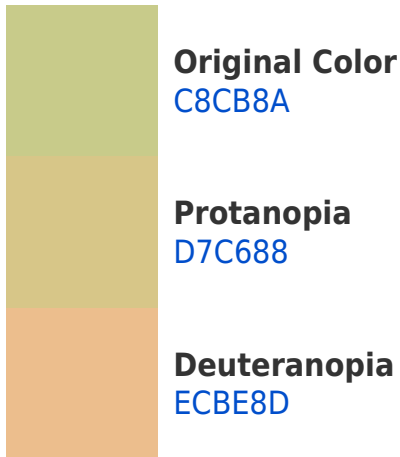


This preview shows how white text looks on a background with the Hex color C8CB8A.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

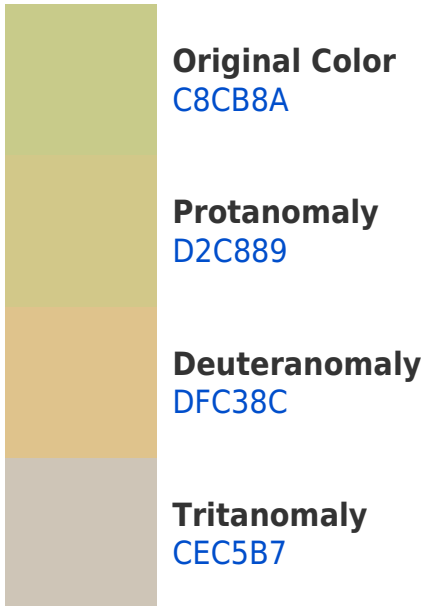
## Dichromacy



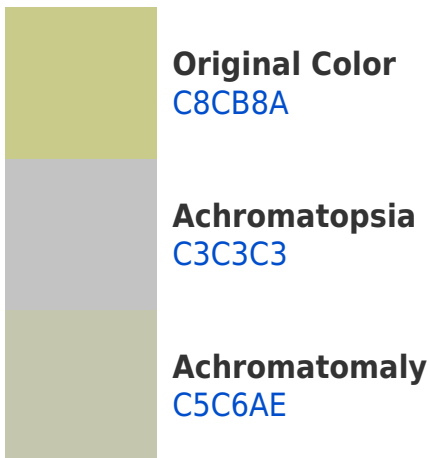


**Tritanopia**  
D1C2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8CB8A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C8CB8A looks like.

```
.text, #text, p{  
    color:#C8CB8A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C8CB8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8CB8A
}
```

## Border

The CSS property to change the border of an element to Hex C8CB8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C8CB8A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C8CB8A }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C8CB8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8CB8A; -webkit-box-shadow:4px 4px  
4px 4px #C8CB8A; box-shadow:4px 4px 4px  
4px #C8CB8A }
```

# Background

The CSS property to change the background color of an element to Hex C8CB8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8CB8A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C8CB8A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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